

IN THE CLAIMS:

Set forth below in ascending order, with status identifiers, is a complete listing of all claims currently under examination. Changes to any amended claims are indicated by strikethrough and underlining. This listing also reflects any cancellation and/or addition of claims. No new matter has been added. Please cancel claims 15-20, and add new claims 21-32.

1-5 (Cancelled)

6. (Currently Amended) A reconstructed vertebral body, comprising: A vertebral body including

a native cancellous bone volume first region of cancellous bone, the first region of cancellous bone compressed that has been altered to define a periphery of comprise a layer of cancellous bone that has been compressed to form a compressed bone region that peripherally defines a first cavity; and another region of

a second region of cancellous bone being substantially uncompressed cancellous bone, the second region of cancellous bone substantially surrounding and contacting at least a portion of the first region of cancellous bone; occupying at least a portion of the remaining native cancellous bone volume

a first region of bone filler material disposed within the first cavity, the first region of bone filler material defining a periphery of a second cavity within the first cavity; and

a second region of bone filler material disposed within the second cavity.

7. (Currently Amended) reconstructed vertebral body A vertebral body according to claim 6 wherein the first region of cancellous bone compressed bone region defines at least a portion of comprises a barrier of the first cavity.

8. (Currently Amended) The reconstructed vertebral body A vertebral body according to claim 6

wherein the first region of cancellous bone ~~compressed bone region~~ defines at least a portion of
~~comprises~~ a shell associated with the first cavity.

9. (Currently Amended) A reconstructed vertebral body, comprising: A vertebral body
including

a native cancellous bone volume that has been altered to comprise a layer first region of
cancellous bone, the first region of cancellous bone that has been compressed to form a
compressed bone region that peripherally define defines at least a portion of a first cavity;

a bone filling material in the cavity, and

a first region of bone filler material disposed within the first cavity, the first region of
bone filler material defining at least a portion of a second cavity within the first cavity;

a second region of bone filler material disposed within the second cavity; and

another region of a second region of cancellous bone being substantially uncompressed
cancellous bone occupying at least a portion of the remaining native cancellous bone volume, the
first region of cancellous bone being disposed between the second region of cancellous bone and
the first region of bone filler material.

10. (Currently Amended) The reconstructed vertebral body ~~A vertebral body~~ according to
claim 9 wherein ~~the compressed bone region comprises~~ the first region of cancellous bone
defines at least a portion of a barrier substantially inhibiting extravazation of a the first region of
bone filler filling material from the first cavity.

11. (Currently Amended) The reconstructed vertebral body ~~A vertebral body~~ according to
claim 9 wherein ~~the compressed bone region comprises~~ the first region of cancellous bone
defines at least a portion of a shell substantially inhibiting extravazation of a the first bone filler
filling material from the first cavity.

12. (Currently Amended) The reconstructed vertebral body ~~A vertebral body~~ according to
claim ~~10~~ 9 wherein at least one of the first region of bone filler filling material or the second
region of bone filler material includes ~~comprises~~ bone cement.

13. (Currently Amended) The reconstructed vertebral body ~~A vertebral body~~ according to claim ~~10~~ 9 wherein at least one of the first region of bone filler filling material or the second region of bone filler material includes ~~comprises~~ bone graft material.

14. (Currently Amended) The reconstructed vertebral body ~~A vertebral body~~ according to claim ~~10~~ 9 wherein at least one of the first region of bone filler filling material or the second region of bone filler material includes ~~comprises~~ a stent.

15-20. (Cancelled)

21. (New) The reconstructed vertebral body according to claim 9, wherein the first region of bone filler material defines a barrier substantially inhibiting extravazation of the second region of bone filler material from the second cavity.

22. (New) The reconstructed vertebral body according to claim 9, wherein:
the first region of bone filler material includes a bone cement that has been hardened for a time period; and
the second region of bone filler material includes a bone cement that has been hardened for a time period less than the time period for the first region of bone filler material.

23. (New) The reconstructed vertebral body according to claim 9, wherein:
the first region of bone filler material and the second region of bone filler material collectively entirely fill the first cavity; and
the second region of bone filler material entirely fills the second cavity.

24. (New) A reconstructed vertebral body, comprising:
a region of cortical bone;
a first region of cancellous bone native to the region of cortical bone, the first region of cancellous bone compressed to define an extravazation-inhibiting barrier;

a second region of cancellous bone native to the region of cortical bone, the second region of cancellous bone being substantially uncompressed, the second region of cancellous bone being disposed between the region of cortical bone and the first region of cancellous bone;
a first region of bone filler material defining an extravazation-inhibiting barrier; and
a second region of bone filler material, the first region of bone filler material being disposed between the first region of cancellous bone and the second region of bone filler material.

25. (New) The reconstructed vertebral body according to claim 24, wherein:

the extravazation-inhibiting barrier of the first region of cancellous bone is disposed between a remaining portion of the first region of cancellous bone and the first region of bone filler material; and

the extravazation-inhibiting barrier of the first region of bone filler material is disposed between a remaining portion of the first region of bone filler material and the second region of bone filler material.

26. (New) The reconstructed vertebral body according to claim 24, wherein:

the extravazation-inhibiting barrier of the first region of cancellous bone defines a first cavity, the first region of bone filler material and the second region of bone filler material being disposed within the first cavity; and

the extravazation-inhibiting barrier of the first region of bone filler material defines a second cavity, the second region of bone filler material being disposed within the second cavity.

27. (New) The reconstructed vertebral body according to claim 24, wherein:

the extravazation-inhibiting barrier of the first region of cancellous bone is configured to inhibit extravazation of the first region of bone filler material; and

the extravazation-inhibiting barrier of the first region of bone filler material is configured to inhibit extravazation of the second region of bone filler material.

28. (New) The reconstructed vertebral body according to claim 24, wherein:

the first region of bone filler material is mutually exclusive from the second region of bone filler material.

29. (New) The reconstructed vertebral body according to claim 24, wherein:
the first region of bone filler material includes a bone cement that has been hardened for a time period; and
the second region of bone filler material includes a bone cement that has been hardened for a time period less than the time period for the first region of bone filler material.
30. (New) The reconstructed vertebral body according to claim 24, wherein:
the first region of bone filler material is a compressed bone cement; and
the second region of bone filler material is an uncompressed bone cement
31. (New) The reconstructed vertebral body according to claim 24, wherein:
the first region of bone filler material and the second region of bone filler material collectively fill the first cavity; and
the second region of bone filler material collectively fill the second cavity.
32. (New) The reconstructed vertebral body according to claim 24, wherein:
the region of cortical bone defines an interior volume; and
the first region of cancellous bone, the second region of cancellous bone, the first region of bone filler material and the second region of bone filling material fill the interior volume.